

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 B41M5/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 B41M B44C

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category * | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|------------|--|-----------------------|
| A | US 5 468 532 A (HO CHIA-TIE ET AL) 21 November 1995 (1995-11-21) claims 1,12-14,19-21 column 12, line 12 - line 13 table 2 | 1-8 |
| A | WO 00/58930 A (HARELSTAD ROBERTA E ;RAJAN J SUNDAR (US); REULE JOEY L (US); MINNE) 5 October 2000 (2000-10-05) claims 1,8 page 33, line 12 - line 16 | 1-8 |
| A | WO 01/94124 A (TAKEDA YASUYUKI ;3M INNOVATIVE PROPERTIES CO (US)) 13 December 2001 (2001-12-13) claims page 7, line 30 -page 8, line 15 | 1-8 |



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

* Special categories of cited documents :

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- "&" document member of the same patent family

Date of the actual completion of the international search

15 April 2004

Date of mailing of the international search report

23/04/2004

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Martins Lopes, L

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/US03/39284

| Patent document cited in search report | | Publication date | Patent family member(s) | Publication date |
|---|---|---------------------|--|--|
| US 5468532 | A | 21-11-1995 | BR 9307599 A CA 2149030 A1 DE 69305361 D1 DE 69305361 T2 EP 0673323 A1 ES 2092886 T3 JP 8504520 T JP 3332235 B2 MX 9307746 A1 WO 9413496 A1 US 6156442 A US 5977263 A | 15-06-1999 23-06-1994 14-11-1996 15-05-1997 27-09-1995 01-12-1996 14-05-1996 07-10-2002 29-07-1994 23-06-1994 05-12-2000 02-11-1999 |
| WO 0058930 | A | 05-10-2000 | WO 0058930 A1 AU 764759 B2 AU 3456899 A BR 9917245 A CA 2368811 A1 EP 1166254 A1 JP 2002540473 T PL 350922 A1 US 6406787 B1 US 6482510 B1 | 05-10-2000 28-08-2003 16-10-2000 26-12-2001 05-10-2000 02-01-2002 26-11-2002 10-02-2003 18-06-2002 19-11-2002 |
| WO 0194124 | A | 13-12-2001 | JP 2001341420 A AU 6662201 A BR 0111312 A CN 1433359 T EP 1289770 A2 WO 0194124 A2 | 11-12-2001 17-12-2001 04-11-2003 30-07-2003 12-03-2003 13-12-2001 |